|  |  |
| --- | --- |
| Name: |  |
| Version # |  |

**Solving Linear Systems Using the Ti-83**

**Directions:**

1. **Go to the folder on the *G Drive* called *Vizza*.**
2. **Then open the folder called *Algebra Prep One*.**
3. **Inside the folder is a folder called *Ti-83*. Right click on the folder and select *Copy*.**
4. **Close the window and right click on your desktop and choose *Paste*.**
5. **Open this folder and then double click on the icon called Vti. This should open the TI83 Calculator. (Do not use the shortcut. Do not drag the icon onto your desktop. Although this should work, I have experienced problems with it.)**

**Use the following steps to graph both equations for your *Quarters and Nickels Problem* and then repeat the procedure for your Cows and Chickens Problem.**

1. **Use the calculator to graph the linear system.**
2. **Readjust the window so that you can see the point of intersection as well as the x-intercept, the y-intercept of both lines.**
3. **Find the point of intersection. DO NOT CLEAR THE SCREEEN.**
4. **Enlarge your graphing calculator by clicking on the edge of the calculator and dragging it.**
5. **Hit the window button on your keyboard. (It is the button 2 keys to the left of your space bar and looks like 🡪  .**
6. **Open your Snipping Tool. **
7. **Take a picture of your calculator screen by dragging a box over the green area of the screen.**
8. **Go to the appropriate table on the next page below. Double click the word GRAPH to select it and then paste the picture of your graph there.**
9. **Enter the appropriate labels for the x and y axes in the cells below and next to the x & y axes in your picture.**
10. **Either email the picture to me at** [**Tom\_Vizza@sdst.org**](mailto:Tom_Vizza@sdst.org) **or copy it to your class folder on the G drive inside the Vizza folder.**

Money Problem

|  |  |
| --- | --- |
|  |  |
|  |  |

Farm Problem

|  |  |
| --- | --- |
|  | GRAPH |
|  |  |